

App #: 10-621402

EAST SEARCH HISTORY

Databases: US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB

Ref#	Hits	Search Text
S1	1	10/621402
S21	26	birds rings color bands plastic identification camera
S2	12	((("20020066418") or ("0296256") or ("8704900"))).PN.
S8	164	(D30/155).CCLS.
S18	120	bird and leg and ring and tag and identification
S27	16	S25 not hybrid\$7
S25	197	S24 and @pd<"20020718"
S7	6	image and tag\$4 and animal and identification.ti. and ring and @pd<"20020718"
S16	9	S15 and color
S29	2	("4750490").PN.
S6	10	image and tag\$4 and animal and (grayscale or "gray scale" or "gray-scale") and identification.ti.
S26	5	S25 and identif\$7.ti.
S12	3153	image and animal and tag and ring
S13	287	S12 and identification and @pd<"20020718"
S24	1577	(fish or sharks or animals or birds) and tag\$4 and color and bands and identif\$7 and camera and (image or picture)
S4	137	S3 and identification
S33	10	("5324940").URPN.
S11	2	S4 and identification.ti.
S19	136	bird and leg and ring and color and identification
S20	38	S19 and @pd<"20020718"
S22	286	(fish or sharks or animals) and rings and color and bands and plastic and identification and camera
S3	145	image and tag\$4 and animal and (grayscale or "gray scale" or "gray-scale") and ring
S10	14	image and S8
S17	1	bird ringing
S9	0	image and S8 and (grayscale or "gray scale" or "gray-scale")
S14	201	(382/110).CCLS.
S5	16	S4 and @pd<"20020718"
S23	38	S22 and @pd<"20020718"
S15	10	S14 and animal and tag
S28	10	coded wire adj tag\$4
S30	10	("3128744" "3313301" "3545405" "3820545" "4233964" "4437361").PN.
S31	13	("4750490").URPN.
S32	14	("1891348" "3128744" "3513320" "3679559" "3772099" "3956630" "3963351" "4392236" "4750490" "4790090").PN.
S34	120	bird and leg and ring and tag and identification
S35	47	S34 and (PVC or "polyvinyl chloride")
S36	21	(fish or sharks or animals) and rings and color and bands and plastic and identification and camera and (PVC or "polyvinyl chloride")
S37	465	(fish or sharks or animals or birds) and tag\$4 and color and bands and identif\$7 and camera and (image or picture) and (PVC or "polyvinyl chloride")

S38	50	bird and leg and ring and color and identification and (PVC or "polyvinyl chloride")
S40	17	S39 and (PVC or "polyvinyl chloride")
S41	240	(606/117).CCLS.
S42	1	S41 and (PVC or "polyvinyl chloride")
S44	14	S39 and ccd
S45	10	("3128744" "3313301" "3545405" "3820545" "4233964" "4437361").PN.
S39	592	(250/302).CCLS.
S60	121	S59 and @pd<"20030718"
S46	0	S45 and ccd
S47	14	("1891348" "3128744" "3513320" "3679559" "3772099" "3956630" "3963351" "4392236" "4750490" "4790090").PN.
S51	10	("5324940").URPN.
S52	1	S51 and ccd
S53	164	(D30/155).CCLS.
S54	0	S53 and ccd
S43	2	S41 and ccd
S57	14	bird and leg and ring and color and identification and ccd
S58	606	(fish or sharks or animals or birds) and tag\$4 and color and bands and identif\$7 and camera and (image or picture) and ccd
S49	13	("4750490").URPN.
S50	1	S49 and ccd
S48	0	S47 and ccd
S55	24	("2113973" "3802102" "4071883" "4117338" "4266535" "4906100" "5108179" "5274240" "5306144" "5315375" "5324940" "5327195" "5347342" "5363854" "5387801" "5543018" "5736744" "5742066" "5760407" "5856866" "6161323" "6198107" "6512236").PN.
S56	4	S55 and ccd
S59	332	S58 and "charge coupled"
S61	41	S60 and (edge adj (detect\$3 or gradient))
S77	207	S76 and image.ti.
S76	774	segmentation and "region growing" and image
S74	56	fluorescent and "region growing" and image
S73	116	S72 and (watershed adj2 (algorithm or technique))
S75	0	S63 and "region growing"
S67	121	S66 and @pd<"20030718"
S70	91	fluorescent and watershed and image
S71	33	S70 and "watershed algorithm"
S69	6	(fish or sharks or animals or birds) and tag\$4 and color and bands and identif\$7 and camera and (image or picture) and watershed
S66	332	S65 and "charge coupled"
S65	606	(fish or sharks or animals or birds) and tag\$4 and color and bands and identif\$7 and camera and (image or picture) and ccd
S68	0	S67 and watershed
S72	256	watershed and image and segmentation
S62	4	("3313301").PN.
S64	0	S63 and watershed
S63	9	(US-20020066418-\$).did. or (US-5576949-\$ or US-6198107-\$ or US-4750490-\$ or US-5324940- \$ or US-6225625-\$ or US-5608519-\$).did. or (US-3313301-\$).did. or (WO-8704900-\$).did.
S78	149	(segmentation same binarization) and image
S83	109	S82 and identification.clm. and code.clm.
S81	44	bar code and (neighboring same differences)
S82	19419	SIEMENS AKTIENGESELLSCHAFT.ASNM. or (pfister adj marcus)

S85	15	S83 and mark\$4.clm.
S84	1	S83 and (organism.clm. or animal.clm.)
S80	333	S79 and image and (combin\$5 same "run length encoding")
S79	3651	run length encoding

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GOOGLE SCHOLAR SEARCH

bird ringing image grayscale

bird ringing image grayscale identification

bird ringing image grayscale identification tag

bird ringing image color identification tag

bird ringing color rings

birds rings color bands plastic identification camera

tagging fish color bands identify